

# INDEX

Accessories (for driving in sand) 21-2, 21-3

## Accidents

- causes of 10-1
- identification card (DD Form 518) 10-2, 13-2
- operator's report of (SF 91) 10-2 thru 10-5, 13-2
- precautions against 10-1, 10-2
- procedure in case of 10-1
- reporting of (by telephone) 10-1

Aerospace ground equipment 25-2, 25-3

Air cleaner, dirt in 16-5

## Aircraft

- servicing of 25-3, 25-4
- towing of 25-3

## Alcohol and drugs

- abstaining from 4-4, 11-4
- as causes of accidents 10-1
- effects of 4-4, 11-4

Anchors 22-1, 22-2

Animals 7-2

Authorization, flight line 25-1

Bicyclists 7-2

Blackouts 23-6, 23-10, 23-14

Blowouts 9-1

Brake failure 9-2

Braking 8-2, 8-3

Breakdowns 11-5

## Buses

- backing of 8-3, 8-4
- school 11-4
- transporting of personnel on 14-2, 14-3

## Cargo

- dangerous 19-5 thru 19-7
- distribution of 18-11, 18-12
- hazardous 18-14, 19-6, 19-7
- lashing of 18-13
- perishable 18-14
- protection of 18-11 thru 18-13
- responsibility for 18-11 thru 18-14

Contaminated area, marking of 20-10

Controllers, traffic 2-1, 6-1

## Convoy

- driving speed of 24-1
- flags (NATO) 24-2

Credit card 13-1, 13-2

Curves, safe driving on 4-2, 4-3

Deadman, log 22-2

## Decontamination

- agents 20-15, 20-16
- materials and use 20-15, 20-16
- of communications and radar equipment 20-13
- of crew-served weapons 20-13
- of equipment 20-12, 20-13
- of optical instruments 20-13
- of vehicles 20-13

## Decontamination stations

- equipment 20-13
- personnel 20-13 thru 20-15
- field expedient 20-13 thru 20-15

Dispatch form 13-1

Dispatcher, responsibility of 13-1

Distance, estimating of 12-2

## Driver

- fatigue of 11-1, 11-2
- identification card 1-1 thru 1-3
- qualification record of 1-1, 1-4 thru 1-6
- responsibilities of 1-6
- rest requirements for 4-4

Drives, private 6-3

## Driving

- across ditches 21-1
- across gullies and ravines 21-1
- across streams 21-2
- blackout 23-6, 23-10, 23-14
- fuel-efficient 1-7
- general practices 8-1
- in mud and swamps 21-2
- in sand 21-2, 21-3
- night 5-1, 11-1, 11-2, 23-1 thru 23-11
- off post/base 13-1 thru 13-4
- off road 21-1 thru 21-4
- on icy roads 21-4, 21-5
- on the right 4-2
- over rocky terrain 21-1, 21-2
- through woods 21-1
- winter 21-4 thru 21-7

## Engine

- before-operation procedures 16-3 thru 16-5
- compression ignition (diesel/multifuel) 16-1, 16-2
- during-operation procedures 16-5
- filters in 16-2, 16-3
- fuels used in 16-2

**Engine (continued)**

- hydrostatic lock in 16-4
- multifuel models of 16-1, 16-2
- operating principles of 16-1, 16-2
- spark ignition 16-1
- starting of 16-1, 16-4, 16-5
- used as a brake 17-2

**Engine, failures of**

- distributor cap, shorted 22-9
- distributor point spring, broken 22-9
- during field driving 22-8 thru 22-10
- fuel lines, frozen 22-9
- fuel pump vapor lock 22-9
- line fitting, leaking 22-9
- substitutes for tire chains 22-8

**Equipment**

- decontamination 20-13
- fuel-servicing 25-4
- inspection and maintenance work sheet (DA Form 2404) 15-1, 15-2

**Fatigue, effect of 11-1, 11-2**

**Field expedients 22-6 thru 22-10**

- for a jack 22-6
- personnel decontamination station 20-13 thru 20-15

**Fifth wheel 18-4, 18-5**

**Fire**

- in accidents 10-1, 10-2
- in vehicle 9-3, 9-4
- precautions against 9-3, 10-2

**First aid 10-1**

**Following distance 5-1**

- at night 5-1
- too close 5-1, 10-1

**Fording 21-2**

**Forklift**

- maneuvers 25-5
- operations 25-5
- safety 25-5, 25-6

**Fuel**

- as a decontaminant 20-16
- jettisoning of 19-9
- leakage of 19-8
- transfer of 19-9

**Gap, proper speed and 24-1**

**Grid**

- military, reference system 12-1, 12-2
- reference box 12-5

**Guides, use of 8-3, 8-4**

**Hazards, seasonal 11-3**

**Headlights 11-2**

**Highway warning kit 13-3**

**Interaxle differential 18-2**

**Intersections**

- cloverleafs 6-3
- pedestrian rules at 7-1, 7-2
- special 6-2, 6-3
- traffic circles 6-3
- turns at 6-2
- with traffic controls 6-1, 6-2
- with traffic signs 6-1, 6-2
- without traffic controls 6-1

**Jack substitutes 22-6**

**Jumper cables 17-4**

**Lights**

- blackout 23-6, 23-14
- driving light 23-6, 23-14
- front lights 23-6, 23-14
- marker lights 23-6, 23-14
- taillights 23-6, 23-14

**Load**

- lashing of 18-13
- special 18-13
- vertical height of 18-13

**Maintenance**

- after operation 15-2
- before operation 15-1
- driver 15-1
- during operation 15-1, 15-2
- forms and records 15-2 thru 15-4
- inspections 15-1, 15-2
- lubrication 15-1
- operator 15-1, 15-2
- organizational 15-1
- preventive 15-1

**Manual shift 17-1, 17-2**

**Map**

- grid, use of 12-1 thru 12-5
- route 13-2
- strip, use of 12-5 thru 12-7

**Markers**

- biological contamination 20-11
- booby trap 20-11
- chemical contamination 20-10, 20-11
- chemical minefield 20-11
- description of 20-10
- radiological contamination 20-11
- unexploded munitions 20-11

**Marking procedures, special radiological 20-11, 20-12**

**Markings, pavement 2-8, 2-9**

- Masks, protective 20-10
- Night driving 11-1, 11-2
- Night vision goggles 23-1 thru 23-4
  - convoy driving 23-10
  - driver preparation 23-8
  - driving 23-4 thru 23-12
  - exportable training package 23-13
  - ground speed limitations 23-6, 23-7
  - operation and care 23-2 thru 23-4
  - training 23-12, 23-13
  - vehicle preparation 23-7, 23-8
  - weather considerations 23-5
- Nuclear, biological, and chemical conditions 20-10 thru 20-16
- Operator, aircraft-towing vehicle 25-4, 25-5
- Operator, forklift 25-5
- Overloading 11-4
- Parking 8-5 thru 8-7, 18-9
  - diagonal 8-6, 8-7
  - improper 8-6, 8-7
  - on a hill 8-5, 8-7
  - parallel 8-5 thru 8-7
- Parking fees 13-2
- Passing
  - being passed 5-3, 5-4
  - on the right 5-3
  - on three-lane highways 5-3
  - safe 5-2
  - signaling when 5-3
  - unsafe 5-2, 5-3
- Pedestrians 7-1, 7-2
- Personnel, transporting of
  - general procedures 14-1
  - in emergency vehicles 14-3, 14-4
  - off post/base 14-1
  - on buses 14-2, 14-3
  - on panel vans 14-3
  - on post/base 14-1
  - on trucks 14-3
  - very important persons 14-1, 14-2
- Police
  - armed services 10-1
  - civil 10-1
- Railroad crossings 6-3
- Repairs, off post/base 13-2, 13-4
- Road turn 8-5
- Roads, secondary 11-3, 11-4
- Safety, flight line 25-1 thru 25-3
  - and aircraft engine runup 25-2
- Safety, flight line (continued)
  - and aircraft navigation equipment 25-2
  - and emergency vehicles 25-3
  - and foreign object damage prevention 25-2
  - and parked aircraft 25-2
  - and passengers 25-3
  - and taxiing aircraft 25-2
  - and use of chocks 25-2, 25-3
  - and vehicle lights 25-2, 25-3
  - and wheeled equipment 25-3
  - when crossing runways 25-2
  - when crossing taxiways 25-2
- Safety, forklift 25-5, 25-6
- Scales, coordinate 12-2, 12-3
- School buses 11-4, 11-5
- Screens, camouflage 20-1 thru 20-10
  - desert 20-1, 20-2
  - erection of 20-3 thru 20-7
  - folding of 20-4, 20-8, 20-9
  - radar-scattering 20-1, 20-2
  - radar-transparent 20-1, 20-2
  - snow 20-1
  - woodland 20-1, 20-2
- Seatbelts 11-6
- Signals
  - aircraft loading and convoy control 24-1, A-11 thru A-22
  - control tower 25-3
  - convoy (from vehicle) A-10
  - driver 2-1, 2-2
  - electrical 2-2
  - emergency flashing 2-2
  - hand 2-1
  - horn 2-2
  - traffic 2-3
  - traffic control personnel A-9
  - turn 2-1, 2-2
- Signs, international A-1
- Signs, military 12-5
- Signs, NATO
  - guide A-1, A-2
  - hazard and regulatory 2-4 thru 2-7, A-1, A-2
  - route signs 2-3
- Signs, traffic color in 2-3, 2-4
  - international 2-3, A-3 thru A-8
  - shape in 2-3, 2-4
- Skid, pole, use of 22-7, 22-8
- Skid, recovery from 9-1
- Speed
  - control of 3-6
  - convoy 24-1
  - night driving 11-1, 11-2
  - on secondary roads 11-3, 11-4

## Starting

engine, procedures for 16-1, 16-4, 16-5,  
17-1, 17-4

on hills 8-1

on slippery surfaces 8-1

Steering, hand-over-hand 8-1, 8-2

## Stopping

distances 3-1, 3-2

effect of braking distance on 3-1, 3-2

effect of perception distance on 3-1

effect of reaction distance on 3-1

factors affecting 3-1

Symbols, strip map 12-5, 12-6

Time, estimating of 12-5

## Tire chains

fit of 21-6

installation of 21-6

Tire, pressure 21-2

Toll tickets 13-2

## Tractor-semitrailer

backing of 18-8, 18-9

coupling/uncoupling 18-4 thru 18-8

fifth wheel on 18-4, 18-5

loading of 18-11 thru 18-14

maneuvering of 18-8, 18-9

parking of 18-9

## Transmission, automatic

dual-range driving positions 17-3, 17-4

selector lever positions 17-2, 17-3

## Transmission, manual shift

clutch, operation of 17-1, 17-2

double clutching 17-1, 17-2

shifting down 18-2

shifting up 18-1

Trucks, transporting personnel in 14-3

Turbosupercharger 16-5

Turning around 8-4, 8-5

U-turn 8-5

Vapor lock, fuel pump 22-9

## Vehicle

aircraft-refueling 25-4

anchoring of 22-1, 22-2

backing of 8-3, 8-4

breakdowns 11-5

camouflaging of 20-1 thru 20-7

capacity of 18-11

## Vehicle (continued)

care of when driving in sand 21-4

care of when driving in winter 21-4, 21-5

decontamination of 20-12, 20-13

emergency 11-4

failures (convoy) 24-1

fires 9-3, 9-4

"follow me" 25-3, 25-4

freeing of from sand 21-3, 21-4

halts (convoy) 24-1

loading of 18-11 thru 18-14

multifuel 16-1

official use of 1-1

operation of in blackout conditions 23-14

operation of in contaminated areas 20-10

operator's identification card 1-1 thru 1-3

overhead clearances for 18-14

overloading of 11-4

oversize 18-13

overweight 18-13

penalties for unauthorized use of 1-1

removal of from accident scene 10-2

restriction on use 1-1

special-purpose 18-14

stopping 3-1

towing of, general rules for 22-1

## Vehicle, recovery of

with A-frame 22-6

with manpower 22-5

with winch 22-2 thru 22-5

## VIPs, transporting of 14-1, 14-2

## Vision

reduced 11-1

selective 4-3

Warning kit, highway 11-5, 13-3

use of 13-3

## Weather 11-2

fog 11-3

ice 11-3

rain 11-3

snow 11-3

Wheel, raising of 22-7

## Winch

safety 22-2

use with single vehicle 22-3, 22-4

use with two vehicles 22-4, 22-5

vehicle recovery by use of 22-2 thru 22-5